In the Claims:

Please enter the following amended claim set:

1. (currently amended) A wastewater treatment system comprising a magnetism adding means for adding magnetism to material to be separated in wastewater, and a superconducting magnetic separation means for separating the material from the wastewater by collecting the magnetism-added material through the magnetic field generated by a solenoid-type superconducting magnet, wherein ~~characterized in that~~:

said magnetism adding means adds magnetism to the material by attaching the material to magnetism-seeded porous material[[,]] or activated carbon ~~or carrier~~ used as a sorption agent by sorption of the material to be separated to the sorption agent.

2. (currently amended) A wastewater treatment system comprising a magnetism adding means for adding magnetism to material to be separated in wastewater, and a superconducting magnetic separation means for separating the material from the wastewater by collecting the magnetism-added material through the magnetic field generated by a solenoid-type superconducting magnet, wherein ~~characterized in that~~:

said superconducting magnetic separation means comprises in a bore of the superconducting magnet a ~~removably built-up~~ multiunit magnetic filter consisting of a plurality of single-unit magnetic filters that are removably built up, and the multiunit magnetic filter has [[the]] a longitudinal length at least equal or greater than [[that]] a longitudinal length of the superconducting magnet.

3. (currently amended) The wastewater treatment system as claimed in claim 2, wherein ~~characterized in that~~ the system further comprises a transfer and wash means for removing a single-unit magnetic filter from an upstream side ~~(sewage side)~~ of said multiunit magnetic filter by pushing in another single-unit magnetic filter from a downstream side ~~(clean water side)~~, and for washing and returning the removed filter to the downstream side again during excitation of the superconducting magnet.

4. (currently amended) The wastewater treatment system as claimed in claim 3, wherein ~~characterized in that~~:

said magnetism adding means adds magnetism to the material to be separated by attaching the material in the wastewater to ~~the magnetism-seeded~~ a magnetism-added sorption agent in a treatment tank, and

said washing of the single-unit magnetic filters is performed in the treatment tank so that the sorption agent attached to the single-unit magnetic filters may be released and returned directly to the treatment tank.

5. (currently amended) The wastewater treatment system as claimed in claim 4, ~~based on a microorganism immobilization method, characterized in that~~ wherein said sorption agent [[is]] comprises a microorganism-adhered ~~carrier~~ porous material.

6. (canceled)

7. **(new)** The wastewater treatment system as claimed in claim 4, wherein said sorption agent comprises a microorganism-adhered activated carbon.

8. **(new)** The wastewater treatment system recited in Claim 3, wherein:

the magnetism adding means attaches the material to be separated in the wastewater to a magnetism-seeded sorption agent in a treatment tank; and

the washing of the single-unit magnetic filters is performed in the treatment tank so that the sorption agent attached to the single-unit magnetic filters may be released and returned directly to the treatment tank.

9. **(new)** A wastewater treatment system comprising:

means for adding magnetism to material to be separated from wastewater; and

means for separating the magnetism-added material from the wastewater by collecting the magnetism-added material using a magnetic field generated by a superconducting magnet, the separating means comprising a first and a second magnetic filter connected to each other and movable in a longitudinal direction through a bore of the superconducting magnet, the movement enabling the first magnetic filter positioned in the magnet bore to be used for wastewater treatment while the second magnetic filter is positioned to be backwashed outside the magnet bore.